



**Danfoss A/S**

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**EU DECLARATION OF CONFORMITY**

**Danfoss A/S**

**Danfoss Drives**

declares under our sole responsibility that the

**Product category:** Frequency Converter

**Type designation(s):** LD-302PXXXTA\*\*\*\*\*

Character XXX: 4K0, 5K5, 7K5, 10K, 11K, 15K, 18K, 22K, 30K, 37K, 45K, 55K

Covered by this declaration is in conformity with the following directive(s), regulation(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions.

**Machine Directive 2006/42/EC**



EN/IEC 61800-5-2:2007 Adjustable speed electrical power drive systems –  
Part 5-2: Safety requirements – Functional  
(Safe Stop function conforms with STO – Safe Torque Off, SIL 2 Capability)

**Low Voltage Directive 2014/35/EU**

EN61800-5-1:2007+A1:2017 Adjustable speed electrical power drive systems – Part 5-1:  
Safety requirements – Electrical, thermal and energy.

**EMC Directive 2014/30/EU**

EN61800-3:2004 + A1:2012 Adjustable speed electrical power drive systems – Part 3: EMC  
requirements and specific test methods.

Date: 2021.11.12 Place of issue:  Graasten, DK	Issued by   <b>Signature:</b> <b>Name: Martin Skov Holm</b> <b>Title: Head of PM - EU</b>	Date: 2021.11.12 Place of issue:  Graasten, DK	Approved by   <b>Signature:</b> <b>Name: Michael Quitzau</b> <b>Title: Head of PM&amp;D, Denmark</b>
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Danfoss only vouches for the correctness of the English version of this declaration. In the event of the declaration being translated into any other language, the translator concerned shall be liable for the correctness of the translation.

**RoHS Directive 2011/65/EU including amendment 2015/863.**

EN IEC 63000: 2018                      Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

**Other standards considered:**

EN81-1:1998+A3:2009                      Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 1: Electric lift

EN81-2:1998+A3:2009                      Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 2: Hydraulic lift

EN81-20:2014 (SIL 3)                      Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 20: Passenger and goods passenger lifts

EN81-50:2014                              Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 50: Design rules, calculations, examinations and tests of lift components

The meaning of the 39 characters in the type code string can be found in appendix 00729776.

Further information can be found in Manufacturers declaration 00596226 A.9 or newer.  
TÜV Nord has been used for certification of this drive.



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**UK DECLARATION OF CONFORMITY**

**Danfoss A/S**

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**Product category:** Frequency Converter

**Type designation(s):** LD-302PXXXTA\*\*\*\*\*

Character XXX: 4K0, 5K5, 7K5, 10K, 11K, 15K, 18K, 22K, 30K, 37K, 45K, 55K

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**Supply of Machinery (Safety) Regulations 2008**

BS EN61800-5-2:2007 Adjustable speed electrical power drive systems –  
Part 5-2: Safety requirements – Functional



(Safe Stop function conforms with STO – Safe Torque Off, SIL 2 Capability)

**Electrical Equipment (Safety) Regulations 2016**

BS EN61800-5-1:2007+A1:2017 Adjustable speed electrical power drive systems – Part 5-1:  
Safety requirements – Electrical, thermal and energy.

**Electromagnetic Compatibility Regulations 2016**

BS EN IEC61800-3:2004 + A1:2012 Adjustable speed electrical power drive systems – Part 3: EMC  
requirements and specific test methods.

Date: 2021.11.12 Place of issue:  Graasten, DK	Issued by   <b>Signature:</b> <b>Name: Martin Skov Holm</b> <b>Title: Head of PM - EU</b>	Date: 2021.11.12 Place of issue:  Graasten, DK	Approved by   <b>Signature:</b> <b>Name: Michael Quitzau</b> <b>Title: Head of PM&amp;D, Denmark</b>
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**The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 as amended**

BS EN IEC 63000: 2018                      Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

**Other standards considered:**

BS EN81-1:1998+A3:2009                      Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 1: Electric lift

BS EN81-2:1998+A3:2009                      Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 2: Hydraulic lift

BS EN81-20:2014 (SIL 3)                      Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 20: Passenger and goods passenger lifts

BS EN81-50:2014                              Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 50: Design rules, calculations, examinations and tests of lift components

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Further information can be found in Manufacturers declaration 00596226 A.9 or newer. TÜV Nord has been used for certification of this drive.